

OPINIONS AND DECLARATIONS RENDERED BY THE INTER- NATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

Edited by

FRANCIS HEMMING, C.M.G., C.B.E.

Secretary to the Commission

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DIRECTION 62

Addition to the *Official List of Family-Group Names in Zoology* or, as the case may be, to the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of the family-group names involved in the cases dealt with in Volume 14 of the work *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than names already dealt with either in *Opinions* included in that volume or in a separate
Direction

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INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

COMPOSITION AT THE TIME OF THE ADOPTION OF THE RULING GIVEN IN DIRECTION 62

A. The Officers of the Commission

Honorary Life President : Dr. Karl JORDAN (*British Museum (Natural History), Zoological Museum, Tring, Herts., England*)

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Vice-President : Senhor Dr. Afranio do AMARAL (*Sao Paulo, Brazil*) (12th August 1953)

Secretary : Mr. Francis HEMMING (*London, England*) (27th July 1948)

B. The Members of the Commission

(*arranged in order of precedence by reference to date of election or of most recent re-election, as prescribed by the International Congress of Zoology*)

Professor H. BOSCHMA (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (1st January 1947)

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Mr. Francis HEMMING (*London, England*) (27th July 1948) (*Secretary*)

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Professor Teiso ESAKI (*Kyushu University, Fukuoka, Japan*) (17th April 1950)

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Mr. Norman Denbigh RILEY (*British Museum (Natural History), London*) (9th June 1950)

Professor Tadeusz JACZEWSKI (*Institute of Zoology, Polish Academy of Sciences, Warsaw, Poland*) (15th June 1950)

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Professor Erich Martin HERING (*Zoologisches Museum der Humboldt-Universität zu Berlin, Germany*) (5th July 1950)

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Professor J. Chester BRADLEY (*Cornell University, Ithaca, N.Y., U.S.A.*) (12th August 1953) (*President*)

Professor Harold E. VOKES (*University of Tulane, Department of Geology, New Orleans, Louisiana, U.S.A.*) (12th August 1953)

Professor Béla HANKÓ (*Mezőgazdasági Múzeum, Budapest, Hungary*) (12th August 1953)

Dr. Norman R. STOLL (*Rockefeller Institute for Medical Research, New York, N.Y., U.S.A.*) (12th August 1953)

Mr. P. C. SYLVESTER-BRADLEY (*Sheffield University, Sheffield, England*) (12th August 1953)

Dr. L. B. HOLTHUIS (*Rijksmuseum van Natuurlijke Historie, Leiden, The Netherlands*) (12th August 1953)

Dr. K. H. L. KEY (*Commonwealth Scientific and Industrial Research Organisation, Canberra, A.C.T., Australia*) (15th October 1954)

Dr. Alden H. MILLER (*Museum of Vertebrate Zoology, University of California, U.S.A.*) (29th October 1954)

Doc. Dr. Ferdinand PRANTL (*Národní Museum v Praze, Prague, Czechoslovakia*) (30th October 1954)

Professor Dr. Wilhelm KÜHNELT (*Zoologisches Institut der Universität, Vienna, Austria*) (6th November 1954)

Professor F. S. BODENHEIMER (*The Hebrew University, Jerusalem, Israel*) (11th November 1954)

Professor Ernst MAYR (*Museum of Comparative Zoology at Harvard College, Cambridge, Massachusetts, U.S.A.*) (4th December 1954)

Professor Enrico TORTONESE (*Museo di Storia Naturale "G. Doria", Genova, Italy*) (16th December 1954)

DIRECTION 62

ADDITION TO THE “ OFFICIAL LIST OF FAMILY-GROUP NAMES IN ZOOLOGY ” OR, AS THE CASE MAY BE, TO THE “ OFFICIAL INDEX OF REJECTED AND INVALID FAMILY-GROUP NAMES IN ZOOLOGY ” OF THE FAMILY-GROUP NAMES INVOLVED IN THE CASES DEALT WITH IN VOLUME 14 OF THE WORK “ OPINIONS AND DECLARATIONS RENDERED BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE ”, OTHER THAN NAMES ALREADY DEALT WITH EITHER IN “ OPINIONS ” INCLUDED IN THAT VOLUME OR IN A SEPARATE “ DIRECTION ”

RULING :—(1) The under-mentioned family-group names involved in cases dealt with in Volume 14 of the work *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature* are hereby placed on the *Official List of Family-Group Names*

in Zoology with the Name Numbers severally specified below :—

- (a) STENTORIDAE (correction of STENTORINA) Stein (S.F.W.), 1867 (type genus : *Stentor* Oken, 1815) (Class Ciliophora) (*Opinion* 418) (Name No. 168) ;
- (b) LONSDALEIIDAE (correction of LONSDALEIDAE) Grabeau, 1931 (type genus : *Lonsdaleia* M^cCoy, 1849) (Class Anthozoa) (*Opinion* 419) (Name No. 169) ;
- (c) DICTYOCLOSTIDAE Stehli, 1954 (type genus : *Dictyoclostus* Muir-Wood, 1930) (Class Brachiopoda) (*Opinion* 419) (Name No. 170) ;
- (d) PRODUCTIDAE Gray (J.E.), 1840 (type genus : *Productus* Sowerby (J.), 1814) (Class Brachiopoda) (*Opinion* 419) (Name No. 171) ;
- (e) SCHIZOPHORIIDAE Schuchert & LeVene, 1929 (type genus : *Schizophoria* King, 1850) (Class Brachiopoda) (*Opinion* 419) (Name No. 172) ;
- (f) ECHINOCONCHIDAE Stehli, 1954 (type genus : *Echinoconchus* Weller (S.), 1914) (Class Brachiopoda) (*Opinion* 420) (Name No. 173) ;
- (g) GASTRIOCERATIDAE (correction of GASTRIOCERAE) Hyatt, 1884 (type genus : *Gastrioceras* Hyatt, 1884) (Class Cephalopoda) (*Opinion* 420) (Name No. 174) ;
- (h) GONIATITIDAE (correction of GONIATITEA) de Haan, 1825 (type genus : *Goniatites* de Haan, 1825) (Class Cephalopoda) (*Opinion* 420) (Name No. 175) ;

- (i) MARTINIINAE Waagen, 1883 (type genus : *Martinia* M^cCoy, 1844) (Class Brachiopoda) (*Opinion* 421) (Name No. 176).

(2) The under-mentioned family-group names are hereby placed on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* with the Name Numbers severally specified below :—

- (a) STENTORINA Stein (S.F.W.), 1867 (type genus : *Stentor* Oken, 1815) (an Invalid Original Spelling for STENTORIDAE) (Class Ciliophora) (*Opinion* 418) (Name No. 206) ;
- (b) LONSDALEIDAE Grabau, 1931 (type genus : *Lonsdaleia* M^cCoy, 1849) (an Invalid Original Spelling for LONSDALEIIDAE) (Class Anthozoa) (*Opinion* 419) (Name No. 207) ;
- (c) GASTRIOCERAE Hyatt, 1884 (type genus : *Gastrioceras* Hyatt, 1884) (an Invalid Original Spelling for GASTRIOCERATIDAE) (Class Cephalopoda) (*Opinion* 420) (Name No. 208) ;
- (d) GONIATITEA de Haan, 1825 (type genus : *Goniatites* de Haan, 1825) (an Invalid Original Spelling for GONIATITIDAE) (Class Cephalopoda) (*Opinion* 420) (Name No. 209).

I. THE STATEMENT OF THE CASE

The present *Direction* contains Rulings given by the International Commission on Zoological Nomenclature on the family-group-name implications of all cases involved in the *Opinions*

included in Volume 14 of the *Opinions and Declarations rendered by the International Commission on Zoological Nomenclature*, other than those cases where those implications were dealt with in the *Opinions* concerned or in a separate *Direction* (*Direction* 14). The proposals on which the decisions given in the present *Direction* were based, which were drawn up in consultation with specialists in the groups concerned, were submitted to the Commission by the Secretary on 18th December 1956. The paper so submitted was as follows :—

Proposed addition to the “ Official List of Family-Group Names in Zoology ” or, as the case may be, to the “ Official Index of Rejected and Invalid Family-Group Names in Zoology ” of the family-group names involved in the cases dealt with in Volume 14 of the “ Opinions and Declarations rendered by the International Commission on Zoological Nomenclature ”, other than names already dealt with either in those “ Opinions ” or in a separate “ Direction ”

By FRANCIS HEMMING, C.M.G., C.B.E.

(*Secretary to the International Commission on Zoological Nomenclature*)

The purpose of the present paper is to lay before the International Commission on Zoological Nomenclature the family-group-name problems involved in the cases dealt with in *Opinions* 417 to 435 which collectively will form Volume 14 of the *Opinions and Declarations* Series, other than such problems in those cases which were dealt with in the *Opinions* concerned or in subsequent *Directions*. Recommendations are submitted in regard to those names on which action is still required in order to comply with the General Directive issued to the Commission by the International Congress of Zoology regarding the placing on the *Official List of Family-Group Names in Zoology* or, as the case may be, on the *Official Index of Rejected and Invalid Family-Group Names in Zoology* of family-group names involved in cases relating to individual names dealt with in *Opinions*.

2. Volume 14 of the *Opinions and Declarations* Series differs from its predecessors in that the majority of the *Opinions* comprised in it

are based on the applications submitted after the Fourteenth International Congress of Zoology, Copenhagen, 1953, and in consequence the family-group-name problems involved were dealt with by the applicants in the papers submitted to the International Commission which was accordingly thus enabled to deal with those problems in the *Opinions* concerned. Thus, the present volume contains thirteen *Opinions* in which family-group-names are involved and in the case of eight of these the requisite action was taken by the Commission in the *Opinion* concerned. The eight *Opinions* in question were : *Opinions* 422—424, 426, 431, 433—435. In another case (*Opinion* 426) the family-group-name problems involved have since been dealt with in a *Direction* (*Direction* 14). There are therefore only four *Opinions* comprised in the present volume on which action at the family-group-name level is now required. The *Opinions* concerned are *Opinions* 418—421. In the case of the remaining six *Opinions* (*Opinions* 417, 425, 427, 429, 430, 432) included in the present volume no family-group-name problems are involved.

3. The four *Opinions* in respect of which action at the family-group-name level is now required deal with names belonging to the following Classes :—Anthozoa (*Opinion* 419) ; Brachiopoda (*Opinions* 419, 420, and 421) ; Cephalopoda (*Opinion* 420) ; Ciliophora (*Opinion* 418). The required information in regard to the family-group names concerned was obtained from the specialists by whom the applications had originally been submitted in every case except that relating to the family-group name in the Class Ciliophora. In this latter case the original applicant (Professor Harold Kirby) was dead and the requisite reference for the well-known family name involved was ascertained in the Office of the Commission. The specialists from whom the relevant information was obtained in regard to the other names involved, to whom the grateful thanks of the International Commission are due, were the following :—

Dr. C. J. Stubblefield (*Geological Survey and Museum, London*)
(Anthozoa ; Cephalopoda) ;

Dr. Helen Muir-Wood (*British Museum (Natural History), London*)
(Brachiopoda).

4. Particulars of the family-group-name problems involved in the four *Opinions* referred to above are given in a note attached to the present paper as an Annexe. In each case particulars are given of the action which it is recommended that the International Commission should now take in discharge of the obligations imposed upon it by the General Directive of the International Congress of Zoology referred to in the opening paragraph of the present paper.

A N N E X E

Survey of the family-group-name problems involved in connection with
 “Opinions” comprised in Volume 14 of the “Opinions and
 Declarations” Series on which action requires to be taken
 in discharge of the obligations imposed upon the Inter-
 national Commission on Zoological Nomenclature by
 the General Directive relating to the placing
 of family-group names on the “Official
 List” and “Official Index” of names
 of that category issued by the
 International Congress of
 Zoology

OPINION 418 (*Stentor* Oken, 1815) (Class Ciliophora) : The following
 action is required :—

(1) Name to be placed on the *Official List* :—

STENTORIDAE (correction of STENTORINA) Stein (S.F.W.), 1867,
Organ. Infus. 2 : 217 (type genus : *Stentor* Oken, 1815) ;

(2) Name to be placed on the *Official Index* :—

STENTORINA Stein (S.F.W.), 1867 [reference as above] (an
 Invalid Original Spelling for STENTORIDAE) ;

OPINION 419 (Martin names for certain species of Anthozoa and
 Brachiopoda) : The following action is required :—

(1) Names to be placed on the *Official List* :—

(a) LONSDALEIIDAE (correction of LONSDALEIDAE) Grabau, 1931,
Nat. Hist. Centr. Asia 4 : 42 [a unit of the work *Central
 Asiatic Expeditions* published by the *Amer. Mus. Nat.
 Hist.*, New York] (type genus : *Lonsdaleia* M^CCoy, 1849)
 (Class Anthozoa) ;

(b) DICTYOCLOSTIDAE Stehli, 1954, *Bull. amer. Mus. nat. Hist.*
 105 (3) : 316 (type genus : *Dictyoclostus* Muir-Wood,
 1930) (Class Brachiopoda) ;

(c) PRODUCTIDAE Gray (J.E.), 1840, *Syn. Contents Brit. Mus.*
 (ed. 42) : 143, 151 (type genus : *Productus* Sowerby (J.),
 1814) (Class Brachiopoda) ;

- (d) SCHIZOPHORIIDAE Schuchert & LeVene, 1929, *Foss. Cat. 1(Anim.)*, Part 42 : 15 (type genus : *Schizophoria* King, 1850) (Class Brachiopoda) ;

(2) Name to be place on the *Official Index* :—

LONSDALEIDAE Grabau, 1931 [reference as above] (an Invalid Original Spelling for LONSDALEIIDAE) ;

OPINION 420 (Martin names for certain species of Brachiopoda and Cephalopoda) : The following action is required :—

(1) Names to be placed on the *Official List* :—

(a) ECHINOCONCHIDAE Stehli, 1954, *Bull. amer. Mus. nat. Hist.* **105** (3) : 326 (type genus : *Echinoconchus* Weller (S.), 1914) (Class Brachiopoda) ;

(b) GASTRIOCERATIDAE (correction of GASTRIOCERAE) Hyatt, 1884, *Proc. Boston Soc. nat. Hist.* **22** : 325 (type genus : *Gastrioceras* Hyatt, 1884) (Class Cephalopoda) ;

(c) GONIATITIDAE (correction of GONIATITEA) de Haan, 1825, *Spec. phil. inaug. exhib. Mon. Ammon. Goni.* : 156 (type genus : *Goniatites* de Haan, 1825) (Class Cephalopoda) ;

(2) Names to be placed on the *Official Index* :—

(a) GASTRIOCERAE Hyatt, 1884 [reference as above] (an Invalid Original Spelling for GASTRIOCERATIDAE) ;

(b) GONIATITEA de Haan, 1825 [reference as above] (an Invalid Original Spelling for GONIATITIDAE) ;

OPINION 421 (*Martinia* M^CCoy, 1844) (Class Brachiopoda) : The following action is required :—

Name to be placed on the *Official List* :—

MARTINIINAE Waagen, 1883, *Pal. ind.* (13) *Salt Range Fossils* **1** : 524 (type genus : *Martinia* M^CCoy, 1844) (Class Brachiopoda).

2. Registration of the present application : Upon the receipt of Mr. Hemming's paper containing proposals concerted with specialists in the groups concerned for dealing with the family-group name implications involved in the cases dealt with in the *Opinions* comprised in Volume 14 of the *Opinions and Declarations* Series, the question so submitted was allotted the Registered No. Z.N.(S.) 1179.

II. THE DECISION TAKEN BY THE INTERNATIONAL COMMISSION ON ZOOLOGICAL NOMENCLATURE

3. Issue of Voting Paper V.P.(O.M.)(56)29 : On 18th December 1956 a Voting Paper (V.P.(O.M.)(56)29) was issued in which each Member of the Commission was asked (1) to state whether he agreed "that in conformity with the General Directive relating to the recording on the various *Official Lists* and *Official Indexes* of decisions in regard to particular names and particular books issued to the International Commission by the Thirteenth International Congress of Zoology, Paris, 1948, and with the General Directive supplementary thereto on the subject of family-group names issued to the Commission by the Fourteenth International Congress of Zoology, Copenhagen, 1953, the entries relating to the family-group names involved in the cases dealt with in *Opinions* 417—435, being the *Opinions* included in Volume 14 of the work *Opinions and Declarations*, as recommended in the Annexe to the paper numbered Z.N.(S.) 1179, submitted by the Secretary simultaneously with the present Voting Paper, be made in the *Official List* and *Official Index* for the names of taxa belonging to the family-group, as there proposed" and (2) if he did not agree as regards any given item, to indicate that item.

4. The Prescribed Voting Period : As the foregoing Voting Paper was issued under the One-Month Rule, the Prescribed Voting Period closed on 18th January 1957.

5. Particulars of the Voting on Voting Paper V.P.(O.M.)(56)29 : At the close of the Prescribed Voting Period, the state of the voting on Voting Paper V.P.(O.M.)(56)29 was as follows :—

(a) *Affirmative Votes had been given by the following twenty-four (24) Commissioners (arranged in the order in which Votes were received) :*

Riley ; Mayr ; Sylvester-Bradley ; Holthuis ; Hering ;
do Amaral ; Lemche ; Bradley (J.C.) ; Miller ; Key ;
Jaczewski ; Prantl ; Esaki ; Boschma ; Mertens ; Stoll ;
Tortonese ; Cabrera ; Vokes ; Hemming ; Kühnelt ;
Bodenheimer ; Bonnet ; Dymond ;

(b) *Negative Votes :*

None ;

(c) *Prevented from Voting by interruption of postal communications consequent upon political disturbances, one (1) :*

Hankó ;

(d) *Voting Papers not returned :*

None.

6. Declaration of Result of Vote : On 19th January 1957, Mr. Hemming, Secretary to the International Commission, acting as Returning Officer for the Vote taken on Voting Paper V.P. (O.M.)(56)29, signed a Certificate that the Votes cast were as set out in paragraph 5 above and declaring that the proposal submitted in the foregoing Voting Paper had been duly adopted and that the decision so taken was the decision of the International Commission in the matter aforesaid.

7. Preparation of the Ruling given in the present Direction : On 6th February 1957, Mr. Hemming prepared the Ruling given in the present *Direction* and at the same time signed a Certificate that the terms of that Ruling were in complete accord with those of the proposal approved by the International Commission in its Vote on Voting Paper V.P.(O.M.)(56)29.

8. The prescribed procedures were duly complied with by the International Commission on Zoological Nomenclature in dealing with the present case, and the present *Direction* is accordingly hereby rendered in the name of the said International Commission by the under-signed Francis Hemming, Secretary to the International Commission on Zoological Nomenclature, in virtue of all and every the powers conferred upon him in that behalf.

9. The present *Direction* shall be known as *Direction Sixty-Two* (62) of the International Commission on Zoological Nomenclature.

DONE in London, this Sixth day of February, Nineteen Hundred and Fifty-Seven.

*Secretary to the International Commission
on Zoological Nomenclature*

FRANCIS HEMMING